

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-539
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1992 model General Motors Corporation exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: N4G1.9V8JPD2 Displacement: 1.9 Liters (116 Cu. In.)

Exhaust Emission Control Systems and Special Features:

Three-Way Catalyst
Oxygen Sensor
Exhaust Gas Recirculation
Multipoint Electronic Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.39	7.0	0.4

The following are the certification emission values for this engine family:

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.28	1.9	0.3

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

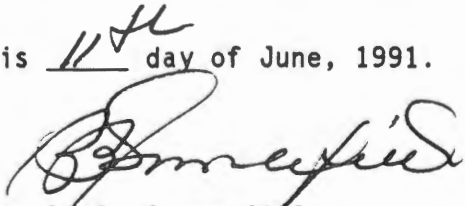
BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 11th day of June, 1991.


R. B. Summerfield
Assistant Division Chief
Mobile Source Division

(FOR CARB USE ONLY)

16.03.00.00

EXECUTIVE ORDER INFORMATION

ENGINE FAMILY..... N4G1.9V8JPD2

EVAPORATIVE FAMILY..... NAO-4A

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
SC	37310
SL	37320

ISSUED: 05-09-91
(ML-NP268)

16-N4G1.9V8JPD2-2

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

VEHICLE MODELS:

1 J C 3 7 (EXAMPLE)Digit 1 - Selling Division

- 1 - Chevrolet
- 2 - Pontiac
- 3 - Oldsmobile
- 4 - Buick
- 6 - Cadillac
- 8 - Saturn

Digit 2 - Body Designation

- A - 6000, Cutlass Ciera, Cutlass Cruiser, Century
- B - Caprice, Custom Cruiser, Roadmaster Wagon, Coachbuilder Wagon, Roadmaster
- C - Ninety-Eight, Touring, Park Avenue, DeVille, Fleetwood, Commercial Chassis
- D - Brougham
- E - Toronado, Riviera, Eldorado, Reatta, Trofeo
- F - Camaro, Firebird, Trans Am
- H - Bonneville, Eighty-Eight, LeSabre
- J - Cavalier, Sunbird
- K - Seville
- L - Corsica, Beretta
- N - Grand Am, Achieva, Skylark
- T - Lemans
- V - Allante
- W - Grand Prix, Regal, Cutlass Supreme, Lumina
- Y - Corvette
- Z - Saturn Coupe/Sedan

Digit 3 - Trim Level

B, C, D, E, F, G, H, J, K, M, N, L, P, R, S, T, U, V, W, X, Y, Z

Digits 4 & 5 - Body Style

- | | |
|----------------------------|----------------------------|
| 07 - 2Dr Sport Coupe | 57 - 2Dr Hardtop Coupe |
| 08 - 2Dr Hatchback Coupe | 67 - 2Dr Convertible Coupe |
| 19 - 4Dr Sedan | 68 - 4Dr Hatchback Sedan |
| 27 - 2Dr (Notchback Coupe) | 69 - 4Dr (Notchback) Sedan |
| 35 - 4Dr Station Wagon | 87 - 2Dr Hatchback Coupe |
| 37 - 2Dr Hardtop Coupe | 90 - Commercial Chassis |
| 47 - 2Dr Hardtop Coupe | 97 - 2Dr Hardtop Coupe |

ISSUED: 05-09-91
(ML-NP268))

REVISED:

17-N4G1.9V8JPD2-1
(1992)

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: N4G1.9V8JPD2

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: L4 LITER (CID): 1.9 (116) EVAP FAMILY: NAO-4A

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR, O2S, TWC, MPI

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .39 HC, .4 NOx

DPA & RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
1	8ZH27 8ZK69	A4	2750	21021317/ECM 6089, TCM 6090	21000505	25128076 (MS 9307)
2	8ZH27 8ZK69					
3	8ZG27 8ZJ69	M5	2625 2750	21021315/6086		
4	8ZG27 8ZJ69					

ISSUED: 05-09-91
(ML-NP268)

REVISED:

17-N4G1.9V8JPD2-2
(1992)

LAST UPDATED : 04/02/91

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DATE 04/02/91

D Y N A M O M E T E R H O R S E P O W E R S A N D T I M E S

1992 MODEL YEAR PASSENGER CARS

Body Style	Test Weight Classes	50mph .w/o AC Factor..			.with AC Factor.		Highest Volume Tire.....			(NOT OFFICIAL).....Tire		
		Road Load	Dyno Hp	Coast Down Time	Coast Upper Limit	Dyno Hp	Coast Down Time	Coast Upper Limit	Drive Axle Tire Size	Belt Fabric Mfg	TPC No.	Disc Code	Lttr No Flag
FIR P175/70R14 ALS LOWER TWC	0-2625 2500	10.30	5.8	15.83	16.93	6.4	15.02	16.07	P175/70R14	ALS STEEL	FIR 1101MS		003L
SATURN SC COUPE - auto trans (8ZH27)										Carline Codes: 37310			
SATURN SL2 SEDAN - auto trans (8ZK69)										37320			
FIR P195/60R15 AL3 LOWER TWC	0-2750 2625	11.24	5.4	15.07	16.12	5.9	14.38	15.38	P195/60R15	AL3 ST/NYL	FIR 1102MS		031
SATURN SC COUPE - man. trans (8ZG27)										Carline Codes: 37310			
SATURN SL2 SEDAN - man. trans (8ZJ69)										37320			
FIR P195/60R15 AL3 LOWER TWC	0-2750 2625	10.84	5.4	15.71	16.80	5.9	15.00	16.05	P195/60R15	AL3 ST/NYL	FIR 1102MS		031

OFFICIAL TIRES LIST MAY BE OBTAINED FROM DTSS PROGRAM *PRG 13200:T.VOL.
CONTACT R. LEONARD (8-341-6428) FOR HORSEPOWER/COASTDOWN TIME INFORMATION.
NOTICE: UP-TO-DATE COPY LOCATED IN ROOM 130 BLDG 31-E.

ATTACHMENT-I
(PRELIMINARY 1992)